

Serial No.: 09/095,789

Art Unit: 3739

In the Claims:

1. (Amended) A method for the treatment of wrinkles on human skin, by stimulating collagen growth beneath the epidermis layer, comprising the steps of:

arranging a pulsed dye laser generator in light communication with a pulsed dye laser delivery device;

applying said pulsed dye laser delivery device against tissue having wrinkles;

generating a pulsed dye laser light by said pulsed dye laser; and

directing said pulsed dye laser light from said pulsed dye laser delivery device onto said tissue, to reach hemoglobin in a collagen layer beneath the surface of said tissue[.] ;

adjusting said range of pulsed dye laser light generated to a wavelength of about 585 nanometers;

generating said pulsed dye laser at a pulse width of about 450 microseconds;

directing said pulsed dye laser light at the tissue at a target spot diameter of about 10-mm; and

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Cont.
maintaining a fluence of said pulsed dye laser light of less than 5 Joules
per square cm.

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8. (Amended) A method for the treatment of wrinkles on human skin, by stimulating collagen growth beneath the epidermis layer, comprising the steps of:

arranging a pulsed dye laser generator in light communication with a pulsed dye laser delivery device;

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applying said pulsed dye laser delivery device against tissue having wrinkles;

generating a pulsed dye laser light by said pulsed dye laser; and

directing said pulsed dye laser light from said pulsed dye laser delivery device onto said tissue, to reach hemoglobin in a collagen layer beneath the surface of said tissue; and

tuning said pulsed dye laser to deliver a laser light at a wavelength having a range of [from] about 585 [570] nanometers [to about 650 nanometers.] ;